

## Photometric / Colorimetric / Electric Report

Fixture Model:

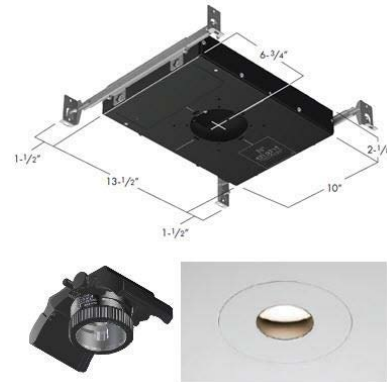
**805-J5-TW-40-3000K-DAL2-8.5-700-FR-P-1-WH-WW-8-20d**

Trim Model:

**FR-P-1-WH-WW-8**

Date:

**1/17/2025**



Light efficiency:

**38 Lumen/Watt**

Light quality:

**CRI: 96.8**

Color temperature:

**2988 K**

CIE 1931:

**x: 0.432  
y: 0.391**

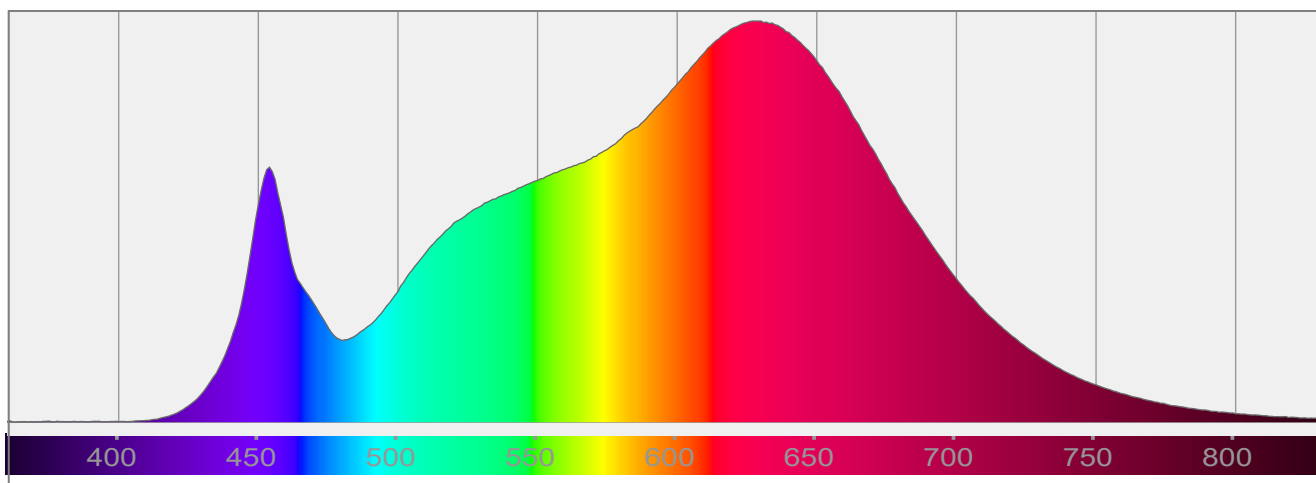
**Output: 595 lm**

**Peak: 424 cd**

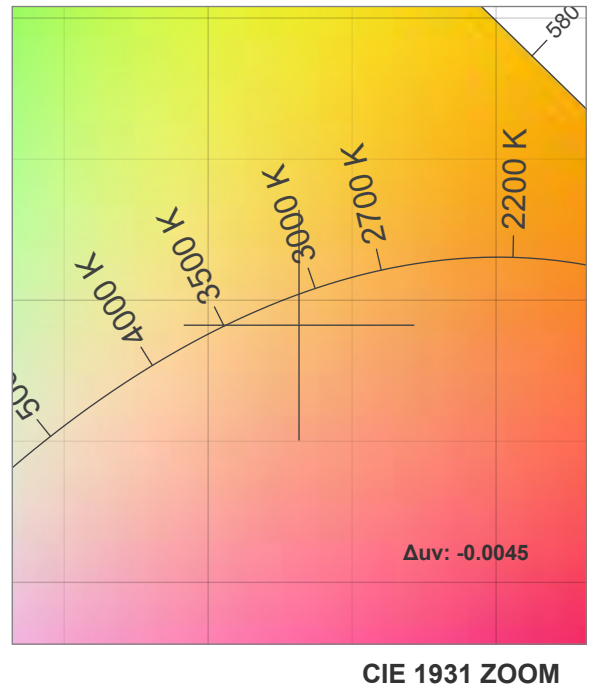
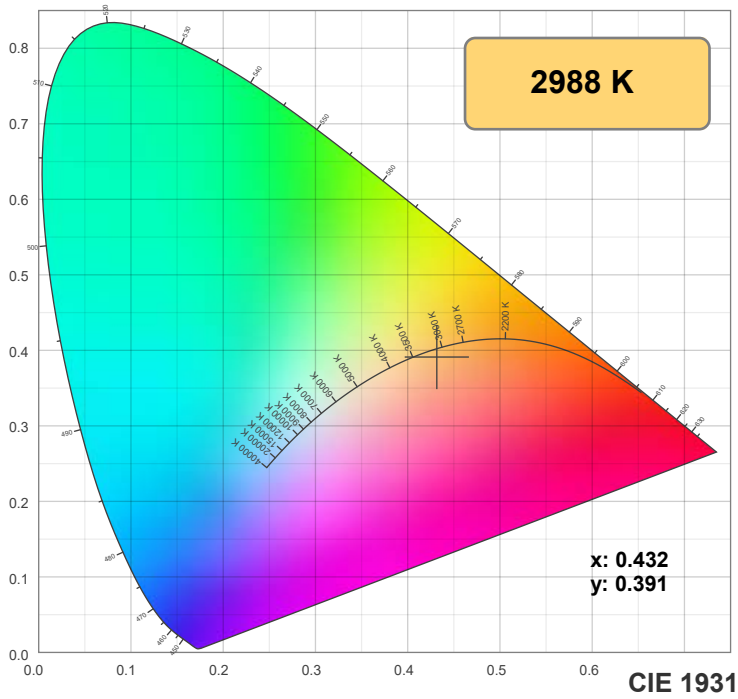
**Power: 15.5 W**

**PF: 0.99**

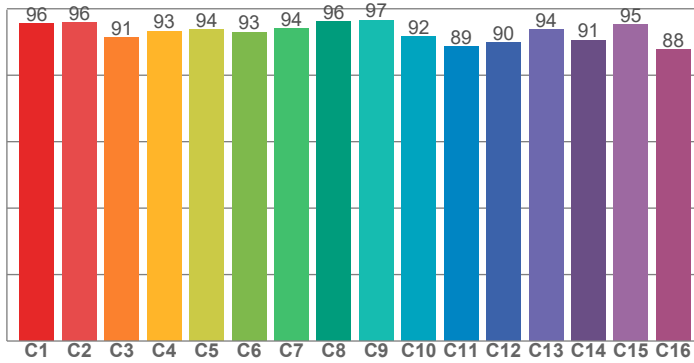
Spectra:



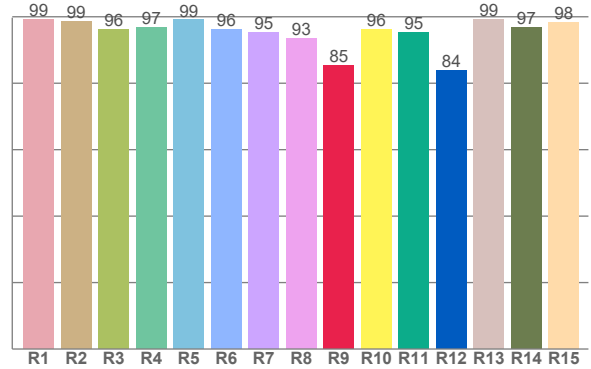
## Color Details



**TM-30: 92.9**



**CRI: 96.8 (R1-R8)**



**CRI R Values:**

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99.1	98.6	96.1	96.8	99.0	96.1	95.4	93.4	85.4	96.2	95.2	83.8	99.1	96.8	98.4

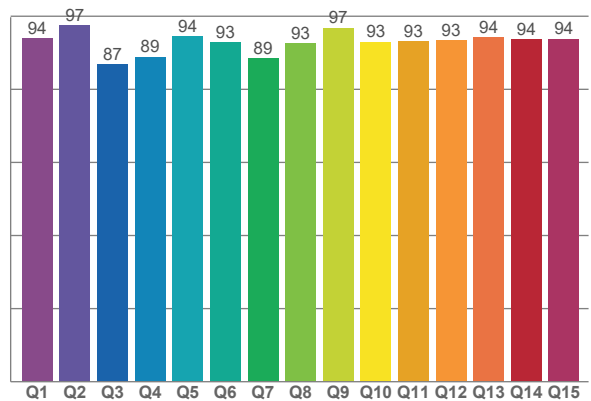
**TM30 C Values:**

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
95.6	95.7	91.4	93.3	93.6	93.0	94.1	96.2	96.6	91.7	88.6	89.8	93.6	90.6	95.2	87.7

**CQS Q values:**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
93.9	97.5	87.0	88.9	94.4	92.9	88.6	92.5	96.8	93.0	93.1	93.5	94.2	93.6	93.8

**CQS: 92.3**



**Color Parameters:**

CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	$\Delta uv$
2988 K	96.8	85.4	92.9	103.0	92.3	0.432	0.391	0.253	0.344	-0.0045

# TM-30 Details

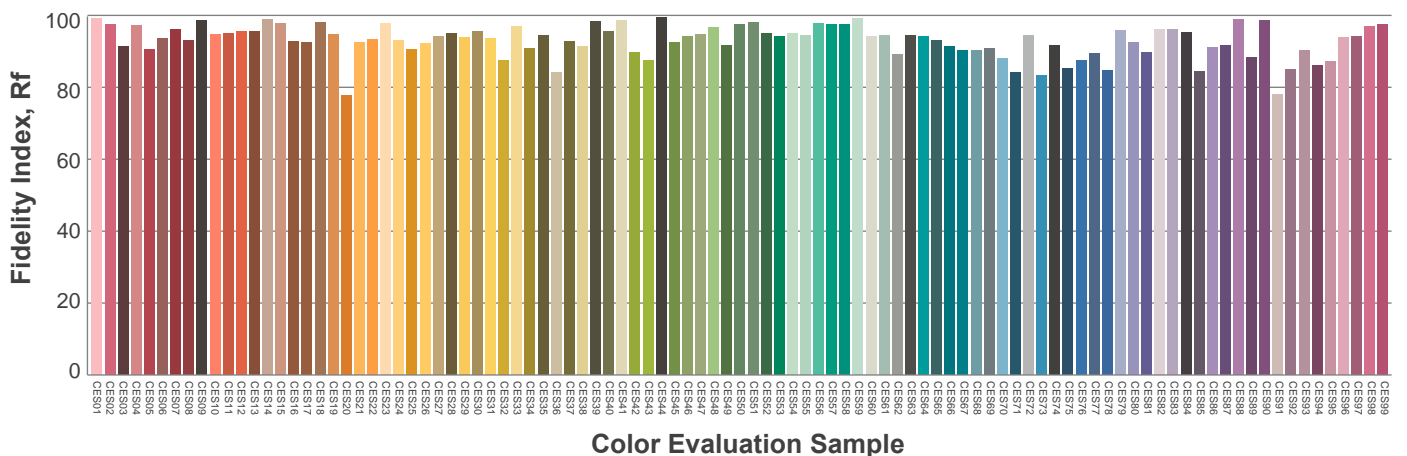
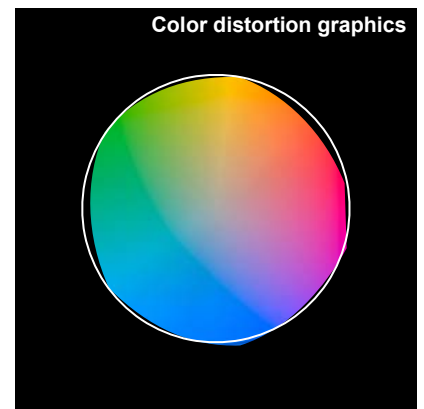
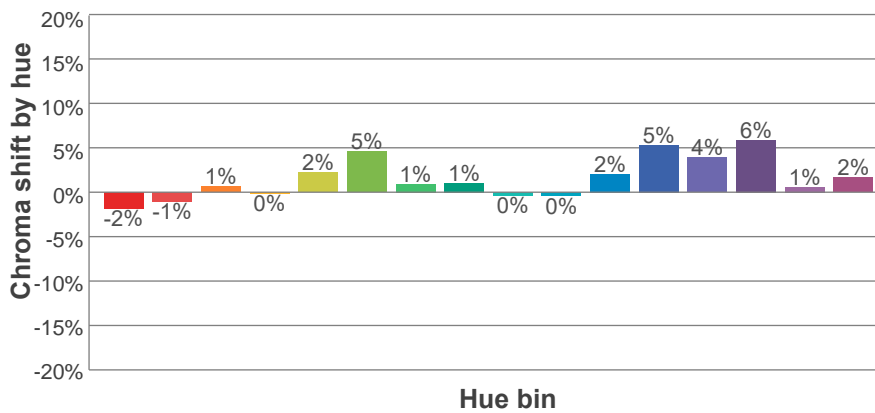
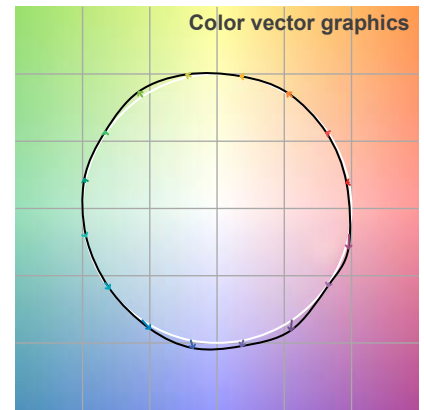
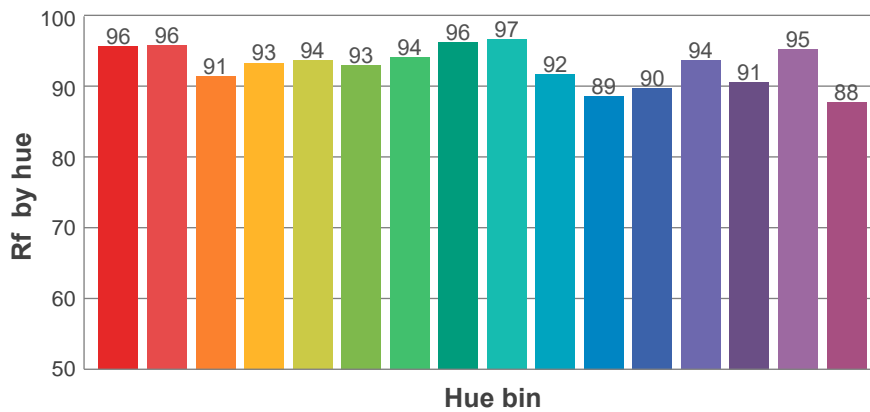
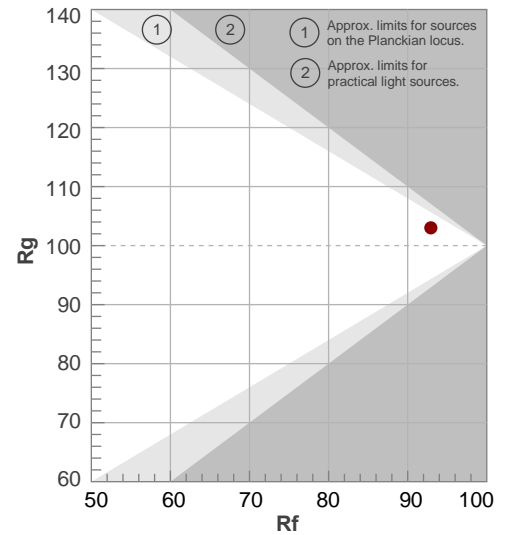
**Rf 92.9**

Fidelity index Rf

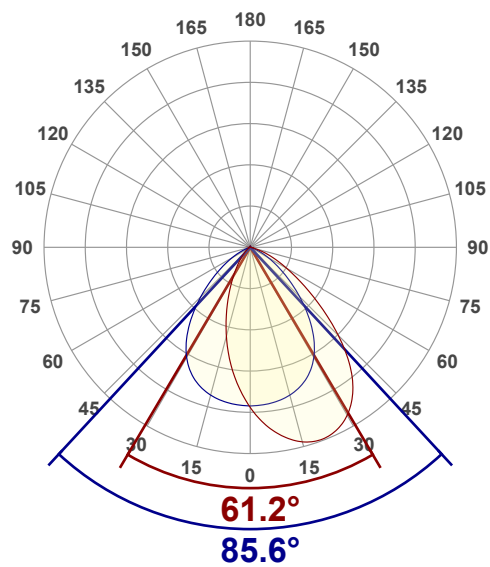
**Rg 103.0**

Gamut index Rg

Hue Bin	R <sub>f</sub>	Shifts (%)	
		Chroma	Hue
1	96	-2%	0%
2	96	-1%	2%
3	91	1%	4%
4	93	0%	2%
5	94	2%	3%
6	93	5%	0%
7	94	1%	-1%
8	96	1%	-2%
9	97	0%	1%
10	92	0%	5%
11	89	2%	8%
12	90	5%	3%
13	94	4%	-2%
14	91	6%	-5%
15	95	1%	-2%
16	88	2%	-10%



## Angular Distribution Through 0° and 90° Planes



**Beam Angle: 85.6°W x 61.2°L**

## Beam Details

